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</tr>
</tbody>
</table>
Comply with the following WARNINGS and SAFETY INSTRUCTIONS while installing Liftgates. Refer to WARNING, CAUTION, and SAFETY INSTRUCTIONS decals on Liftgate.

⚠️ WARNING ⚠️

- Do not stand, or allow obstructions, under the platform when lowering the Liftgate. **Be sure your feet are clear of the Liftgate.**
- Keep fingers, hands, arms, legs, and feet clear of moving Liftgate parts (and platform edges) when operating the Liftgate.
- Correctly stow platform when not in use. Extended platforms could create a hazard for people and vehicles passing by.
- **Make sure vehicle battery power is disconnected** while installing Liftgate. Connect vehicle battery power to the Liftgate only when installation is complete or as required in the installation instructions.
- If it is necessary to stand on the platform while operating the Liftgate, keep your feet and any objects clear of the inboard edge of the platform. Your feet or objects on the platform can become trapped between the platform and the Liftgate extension plate.
- Never perform unauthorized modifications on the Liftgate. Modifications may result in early failure of the Liftgate and may create hazards for Liftgate operators and maintainers.
- Recommended practices for welding on steel parts are contained in the current **AWS (American Welding Society) D1.1 Structural Welding Code - Steel.** Damage to Liftgate and/or vehicle, and personal injury can result from welds that are done incorrectly.

Safety Instructions

- Read and understand the instructions in this **Installation Manual** before installing Liftgate.
- Before operating the Liftgate, read and understand the operating instructions.
- Comply with all WARNING and instruction decals attached to the Liftgate.
- Keep decals clean and legible. If decals are illegible or missing, replace them. Free replacement decals are available from **Maxon Customer Service.**
- Consider the safety and location of bystanders and location of nearby objects when operating the Liftgate. Stand to one side of the platform while operating the Liftgate.
- Do not allow untrained persons or children to operate the Liftgate.
- Wear appropriate safety equipment such as protective eyeglasses, faceshield and clothing while performing maintenance on the Liftgate and handling the battery. Debris from drilling and contact with battery acid may injure unprotected eyes and skin.
- Be careful working by an automotive type battery. Make sure the work area is well ventilated and there are no flames or sparks near the battery. Never lay objects on the battery that can short the terminals together. If battery acid gets in your eyes, immediately seek first aid. If acid gets on your skin, immediately wash it off with soap and water.
- If an emergency situation arises (vehicle or Liftgate) while operating the Liftgate, release the control switch to stop the Liftgate.
- A correctly installed Liftgate operates smoothly and reasonably quiet. The only noticeable noise during operation comes from the power unit while the platform is raised and lowered. Listen for scraping, grating and binding noises and correct the problem before continuing to operate Liftgate.
### GPSLR INSTALLATION PARTS BOX

<table>
<thead>
<tr>
<th>NOMENCLATURE OR DESCRIPTION</th>
<th>QTY.</th>
<th>PART NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 GUSSET, GPSLR MOUNT</td>
<td>8</td>
<td>268674-01</td>
</tr>
<tr>
<td>2 PLATE, GPSLR SUPPORT</td>
<td>6</td>
<td>268675-01</td>
</tr>
<tr>
<td>3 PLATE, GPSLR MOUNT</td>
<td>6</td>
<td>268676-01</td>
</tr>
<tr>
<td>4 CAP SCREW, 1/2&quot;-20 X 2&quot; LG, GRADE 8</td>
<td>12</td>
<td>900033-5</td>
</tr>
<tr>
<td>5 FLAT WASHER, 1/2&quot; X 3/32&quot; THICK</td>
<td>24</td>
<td>902013-13</td>
</tr>
<tr>
<td>6 LOCK NUT, NYLON, 1/2&quot;-20</td>
<td>12</td>
<td>901008</td>
</tr>
<tr>
<td>7 TAPPING SCREW, #10-24 X 1/2&quot; LG.</td>
<td>4</td>
<td>030444</td>
</tr>
<tr>
<td>8 ANGLE (STEEL), 2&quot; X 2&quot; X 1/8&quot; X 6&quot; LG.</td>
<td>2</td>
<td>901008</td>
</tr>
</tbody>
</table>

#### TABLE 4-1

**OPTIONAL INSTALLATION JIG**

![Diagram of Installation Jig PN 268592-01](image)
VEHICLE REQUIREMENTS

CAUTION

The sliding axel assembly on a trailer can collide with a Liftgate mounted on the slide rails. To prevent damage to Liftgate and trailer, install stops on the slide rails to keep the sliding axels from hitting Liftgate. Refer to Liftgate clearance dimensions in this section of the manual.

NOTE: BODY maximum and minimum operating bed height:
Maximum height is 53” (Unloaded). Minimum height is 46” (Loaded).
On vehicle bodies equipped with swing-open doors, the platform may have to be modified to install this Liftgate.

NOTE: Make sure vehicle is parked on level ground while preparing vehicle and installing Liftgate.

NOTE: Dimensions are provided as reference for fitting Liftgate to vehicle body. For detailed ground clearance information, refer to the WELD SIDE PLATE procedure in this manual.

Check for correct clearances (FIGS. 5-1, 6-1 & 6-2) on vehicle to prevent interference between vehicle and Liftgate.
NOTE: For installation of this Liftgate, the maximum thickness of the vehicle floor and body is 6".

VEHICLE WITH 4" CROSSMEMBERS
FIG. 6-1

FIG. 6-2
STEP 1 - REMOVE SIDE PLATES

1. Disconnect conduit from right side plate as shown in FIG. 7-1.
STEP 1 - REMOVE SIDE PLATES - Continued

NOTE: Save bolts, nuts, and flat washers for reinstallation.

2. Unbolt side plates as shown in FIG. 8-1.

FIG. 8-1
STEP 2 - WELD SIDE PLATE

NOTE: Parts box contains 2 angle steel pieces for positioning side plates under vehicle body. The angles allow side plates to be positioned and clamped to bottom of chassis crossmembers before welding the side plates.

1. Position RH side plate with rounded corners facing up (FIG. 9-1).

2. Clamp 2 pieces of angle steel to side plate as shown in FIG. 9-1.

NOTE: Angle steel pieces must be butted against the side plate and flush with the edge of the side plate. Each angle must be positioned to butt against a chassis crossmember under the vehicle.
STEP 2 - WELD SIDE PLATE - Continued

NOTE: The instruction below only applies to trailers with 3" crossmembers. If trailer has 4" crossmembers, go to the next page.

NOTE: To mark a position between 2 crossmembers, attach tape from crossmember-to-crossmember. Remove slack before marking the tape.

3. For 3" trailer crossmembers, mark position for side plate on crossmember (FIG. 10-1 and TABLE 10-1).

![Diagram of 3" Trailer Crossmembers]

TABLE 10-1

<table>
<thead>
<tr>
<th>BED HEIGHT</th>
<th>DISTANCE (&quot;X&quot;)</th>
<th>EXPECTED GROUND CLEARANCE (&quot;Y&quot;)</th>
</tr>
</thead>
<tbody>
<tr>
<td>46&quot;</td>
<td>10-3/8&quot;</td>
<td>12-1/8&quot;</td>
</tr>
<tr>
<td>47&quot;</td>
<td>10-3/8&quot;</td>
<td>13-1/8&quot;</td>
</tr>
<tr>
<td>48&quot;</td>
<td>10-3/8&quot;</td>
<td>14-1/8&quot;</td>
</tr>
<tr>
<td>49&quot;</td>
<td>10-3/8&quot;</td>
<td>15-1/8&quot;</td>
</tr>
<tr>
<td>50&quot;</td>
<td>10-3/8&quot;</td>
<td>16-1/8&quot;</td>
</tr>
<tr>
<td>51&quot;</td>
<td>10-3/8&quot;</td>
<td>17-1/8&quot;</td>
</tr>
<tr>
<td>52&quot;</td>
<td>9-1/8&quot;</td>
<td>16-5/8&quot;</td>
</tr>
<tr>
<td>53&quot;</td>
<td>9-1/8&quot;</td>
<td>17-5/8&quot;</td>
</tr>
</tbody>
</table>
NOTE: The instruction below only applies to trailers with 4" crossmembers. If trailer has 3" crossmembers, go to the previous page.

NOTE: To mark a position between 2 crossmembers, attach tape from crossmember-to-crossmember. Remove slack before marking the tape.

4. For 4" trailer crossmembers, mark position for side plate on crossmember (FIG. 11-1 and TABLE 11-1).

**TABLE 11-1**

<table>
<thead>
<tr>
<th>BED HEIGHT</th>
<th>DISTANCE (&quot;X&quot;)</th>
<th>EXPECTED GROUND CLEARANCE (&quot;Y&quot;)</th>
</tr>
</thead>
<tbody>
<tr>
<td>46&quot;</td>
<td>10-3/4&quot;</td>
<td>12-5/8&quot;</td>
</tr>
<tr>
<td>47&quot;</td>
<td>10-3/4&quot;</td>
<td>13-5/8&quot;</td>
</tr>
<tr>
<td>48&quot;</td>
<td>10-3/4&quot;</td>
<td>14-5/8&quot;</td>
</tr>
<tr>
<td>49&quot;</td>
<td>9-9/16&quot;</td>
<td>14-1/8&quot;</td>
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<td>50&quot;</td>
<td>9-9/16&quot;</td>
<td>15-1/8&quot;</td>
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<td>9-9/16&quot;</td>
<td>16-1/8&quot;</td>
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<tr>
<td>52&quot;</td>
<td>8-1/4&quot;</td>
<td>15-5/8&quot;</td>
</tr>
<tr>
<td>53&quot;</td>
<td>8-1/4&quot;</td>
<td>16-5/8&quot;</td>
</tr>
</tbody>
</table>

**SIDE VIEW - 4" TRAILER CROSS MEMBERS**

**FIG. 11-1**
STEP 2 - WELD SIDE PLATE - Continued

5. Refer to FIG. 12-1. Measure the distance (“D”) between slide rails. Then calculate dimension “Y” as follows: 

\[(52 \frac{7}{8}" - D) \times \frac{1}{2} = Y\]

Example where \(D = 50"\):
\[Y = (52 \frac{7}{8}" - 50") \times \frac{1}{2}, \ Y = 2 \frac{7}{8}" / 2, \ Y = 1 \frac{7}{16}"\]

6. Adjust a combination square to the “Y” dimension (FIG. 12-2) or fabricate a spacer equal to the thickness of “Y”.

![Diagram of measurement setup with labels for center line, slide rails, side plate, and dimension Y.](image)
STEP 2 - WELD SIDE PLATE - Continued

7. Line up end of the side plate with “X” mark on cross-member (FIG. 13-1A) and with the slide rail (FIG. 13-1B).

CAUTION
To avoid personal injury, use at least 2 people to position the side plate.

CROSSMEMBER

“X” MARK

SIDE PLATE

ALIGNING SIDE PLATE
FIG. 13-1A

SLIDE RAIL

COMBINATION SQUARE

SIDE PLATE

FIG. 13-1B
STEP 2 - WELD SIDE PLATE - Continued

CAUTION
To protect the original paint system on the Liftgate, a 3” wide area of paint must be removed from all sides of the weld area before welding.

8. Tack weld side plate as shown in FIG. 14-1.

9. Remove clamps and the 2 angles.

10. Repeat 1 through 9 for the LH side plate.
STEP 2 - WELD SIDE PLATE - Continued

11. Ensure the correct dimensions are held. For 3" crossmembers, refer to FIG. 15-1 and TABLE 15-1. For 4" crossmembers, refer to FIG. 15-1 and TABLE 15-2.

CHECKING FOR CORRECT DIMENSIONS
FIG. 15-1

<table>
<thead>
<tr>
<th>BED HEIGHT</th>
<th>DISTANCE (&quot;X&quot;)</th>
</tr>
</thead>
<tbody>
<tr>
<td>46&quot;</td>
<td>10-3/8&quot;</td>
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<td>10-3/8&quot;</td>
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<td>52&quot;</td>
<td>9-1/8&quot;</td>
</tr>
<tr>
<td>53&quot;</td>
<td>9-1/8&quot;</td>
</tr>
</tbody>
</table>

3" CROSSMEMBERS
TABLE 15-1

<table>
<thead>
<tr>
<th>BED HEIGHT</th>
<th>DISTANCE (&quot;X&quot;)</th>
</tr>
</thead>
<tbody>
<tr>
<td>46&quot;</td>
<td>10-3/4&quot;</td>
</tr>
<tr>
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<td>10-3/4&quot;</td>
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<td>8-1/4&quot;</td>
</tr>
<tr>
<td>53&quot;</td>
<td>8-1/4&quot;</td>
</tr>
</tbody>
</table>

4" CROSSMEMBERS
TABLE 15-2
12. Tack weld RH side plate and support plate to crossmembers (FIG. 16-1). Repeat for LH side plate.

**CAUTION**
To protect the original paint system on the Liftgate, a 3” wide area of paint must be removed from all sides of the weld area before welding.

**NOTE:** Support plates were made for crossmembers positioned at 12” center distance. If distance is less than 12”, cut support plate to the applicable length.

TACK WELDING SIDE PLATE & SUPPORT PLATE TO VEHICLE CROSSMEMBERS (RH SIDE SHOWN)
FIG. 16-1
STEP 2 - WELD SIDE PLATE - Continued

13. Weld RH side plate, support plates, and mount plates as shown in FIG. 17-1. Repeat step for LH side plate.

14. Weld gussets to RH side plate as shown in FIG. 17-2. Repeat step for LH side plate.
STEP 3 - PLACE SLIDER ASSEMBLY ON OPTIONAL JIG

**NOTE:** MAXON recommends using optional installation jig for lifting and maneuvering slider assembly under the vehicle.

Use forklift to place slider assembly on the installation jig. Ensure the slider assembly is:

- Centered on the jig (FIG. 18-1)
- Correctly supported by the jig (FIG. 18-2)

![Slider Assembly Diagram](image)

- **SLIDER ASSEMBLY CENTERED ON JIG (FRONT VIEW)**
  - FIG. 18-1

- **SLIDER ASSEMBLY SUPPORTED BY JIG (LH SIDE VIEW)**
  - FIG. 18-2
STEP 4 - BOLT ON LIFTGATE

NOTE: Refer to TABLES 19-1 (3” Crossmembers) & 19-2 (4” Crossmembers) for correct mounting distance and slot information.

1. Raise Liftgate to line up the holes in the slider with the proper mounting slots on the side plates (FIGS. 19-1A & 19-1B).

<table>
<thead>
<tr>
<th>BED HEIGHT</th>
<th>SLOT</th>
</tr>
</thead>
<tbody>
<tr>
<td>46”</td>
<td>MIDDLE</td>
</tr>
<tr>
<td>47”</td>
<td>MIDDLE</td>
</tr>
<tr>
<td>48”</td>
<td>MIDDLE</td>
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<tr>
<td>49”</td>
<td>MIDDLE</td>
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<tr>
<td>50”</td>
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</tr>
<tr>
<td>51”</td>
<td>MIDDLE</td>
</tr>
<tr>
<td>52”</td>
<td>BOTTOM</td>
</tr>
<tr>
<td>53”</td>
<td>BOTTOM</td>
</tr>
</tbody>
</table>

3” CROSSMEMBERS
TABLE 19-1

<table>
<thead>
<tr>
<th>BED HEIGHT</th>
<th>SLOT</th>
</tr>
</thead>
<tbody>
<tr>
<td>46”</td>
<td>TOP</td>
</tr>
<tr>
<td>47”</td>
<td>TOP</td>
</tr>
<tr>
<td>48”</td>
<td>TOP</td>
</tr>
<tr>
<td>49”</td>
<td>MIDDLE</td>
</tr>
<tr>
<td>50”</td>
<td>MIDDLE</td>
</tr>
<tr>
<td>51”</td>
<td>MIDDLE</td>
</tr>
<tr>
<td>52”</td>
<td>BOTTOM</td>
</tr>
<tr>
<td>53”</td>
<td>BOTTOM</td>
</tr>
</tbody>
</table>

4” CROSSMEMBERS
TABLE 19-2
2. Bolt Liftgate to RH side plate as shown in FIG. 20-1. Repeat step for LH side plate. Before bolts are tightened, position Liftgate all the way toward rear of vehicle body (FIG. 20-2).

**NOTE:** Use the bolts, nuts, and flat washers from STEP 1 for bolting on the Liftgate.
STEP 5 - WELD ON EXTERNAL CONTROL & BRACKET

1. Reconnect conduit to right side plate as shown in **FIG. 21-1**.

   ![Diagram of conduit reconnecting](image1)

   **RECONNECTING CONDUIT TO RH SIDE PLATE**
   **FIG. 21-1**

   **CAUTION**
   Prevent damage to control box. Make sure installed control box does not protrude from the vehicle body.

   **CAUTION**
   To protect the original paint system, a 3” wide area of paint must be removed from bracket on all sides of the weld area before welding.

2. Weld the control box bracket to vehicle crossmembers on the RH side (curbside) near rear sill of vehicle (**FIG. 21-2**).

   ![Diagram of control box bracket welding](image2)

   **WELDING BRACKET TO CROSSMEMBERS**
   **FIG. 21-2**
STEP 6 - BOLT ON INTERNAL CONTROL SWITCH

1. Use internal control switch bracket to mark and drill 4 holes for mounting next to vertical post (curb side). Bolt internal control box to vehicle body with self-tapping screws (FIG. 22-1).

2. Drill 1/2" hole through vehicle floor as shown in FIGS. 22-2A and 22-2B.
STEP 6 - BOLT ON INTERNAL CONTROL SWITCH  
- Continued

NOTE: MAXON recommends using dielectric grease on all electrical connections.

3. Run control cable from external control box, under vehicle body (see dashed line, FIG. 23-1A), and up through vehicle floor. Pull control cable through 3/4" hole (FIG. 23-1A).

4. Connect the control cable to the internal control switch (FIG. 23-1B).
STEP 6 - BOLT ON INTERNAL CONTROL SWITCH
- Continued

NOTE: MAXON does not supply the angle steel shown below.

5. Tack weld angle steel to vehicle wall and vehicle post (FIG. 24-1).

![Diagram showing angle steel, vertical post, vehicle wall, and running control box cable]
**STEP 7 - RECOMMENDED LIFTGATE POWER CONFIGURATION**

**NOTE:** Make sure the Liftgate power unit, and all batteries on the vehicle for the power unit, are connected correctly to a common chassis ground.

1. Liftgate and additional battery box are typically installed on trailers as shown in **FIG. 25-1** and on trucks as shown in **FIG. 25-2**. See the following page for battery and cable connections.

---

**RECOMMENDED LIFTGATE & BATTERY BOX INSTALLATION ON TRAILER**
**FIG. 25-1**

**RECOMMENDED LIFTGATE & BATTERY BOX INSTALLATION ON TRUCK**
**FIG. 25-2**
2. Recommended battery box setup for 6 volt batteries is shown in FIG. 26-1.

3. Recommended battery box setup for 12 volt batteries is shown in FIG. 26-2.

**NOTE:** Always connect fused end of power cable to battery positive (+) terminal.
STEP 8 - CONNECTING POWER

NOTE: MAXON recommends using dielectric grease on all electrical connections.

Connect power cable as shown in FIG. 27-1.
STEP 9 - LEVELING PLATFORM

CAUTION
Operate Liftgate with caution until installation is complete.

NOTE: Refer to Operating Instructions decal and applicable WARNING & CAUTION decals.

1. Raise platform above vehicle floor height (FIG. 28-1).

2. Loosen bolts on both side plates (FIG. 28-2). Lower platform flush with vehicle floor (FIG. 28-3). Next, nudge the Liftgate toward the front of vehicle (FIG. 28-1). Then tighten bolts. Torque each bolt to 120 lb-ft.
STEP 10 - FINAL BOLTING

NOTE: Six holes must be drilled through each side of the slider frame to bolt RH and LH side plates to slider frame on the Liftgate. (See FIGS. 29-1A, 29-1B, 29-1C & 29-1D.)

1. Use side plate as a template to drill 6 holes (1/2" dia.) in slider frame (FIG. 29-1A). Repeat for LH side.

FIG. 29-1A

FIG. 29-1B

FIG. 29-1C

FIG. 29-1D

SLIDER FRAME

SIDE PLATE
STEP 10 - FINAL BOLTING - Continued

2. Bolt RH side plate to slider frame as shown in FIG. 30-1. Repeat for LH side. Torque each bolt to **120 lb-ft**.
STEP 11 - PLATFORM ADJUSTMENT

NOTE: Park vehicle on level ground and unload vehicle before doing this procedure.

1. Lower platform to ground and unfold flipover (FIG. 31-1A).

2. Loosen adjustment and limit bolts on both sides of platform (FIG. 31-1B).

3. Turn adjustment bolts counterclockwise to tilt the tip of platform up (FIG. 31-2), or turn clockwise to tilt down (FIG. 31-3).

4. Once platform is adjusted, tighten limit bolts securely on both sides of platform (FIG. 31-1B).
STEP 12 - ATTACH SLIDING AXEL STOPS (IF REQUIRED)

CAUTION
The sliding axel assembly on a trailer can collide with a Liftgate mounted on the slide rails. To prevent damage to Liftgate and trailer, install stops on the slide rails to keep the sliding axels from hitting Liftgate. Refer to Liftgate clearance dimensions in this section of the manual.

If the Liftgate is mounted on a slide-axel trailer, attach stops on the slide rails to prevent the slide axels from hitting the Liftgate. Refer to the VEHICLE REQUIREMENTS section in this manual.
ATTACH DECALS (WITH SMART STOW)

P/N 267431-01 (GPSLR-33) & P/N 267431-02 (GPSLR-44)
FIG. 33-1
**ATTACH DECALS - Continued**

**WITH SMART STOW**

---

**SAFETY INSTRUCTIONS**

Read all decals and operation manual before operating Liftgate.

1. Do not use Liftgate unless you have been properly instructed and have read, and are familiar with, the operating instructions.
2. Be certain vehicle is properly and securely braked before using the Liftgate.
3. Always inspect this Liftgate for maintenance or damage before using it. Do not use Liftgate if it shows any signs of damage or improper maintenance.
4. Do not overload
5. Make certain the area in which the platform will open and close is clear before opening or closing the platform.
6. Make certain platform area, including the area in which loads may fall from platform, is clear before and at all times during operation of Liftgate.
7. This Liftgate is intended for loading and unloading of cargo only. Do not use this Liftgate for anything but its intended use.

---

**WARNING**

Read this information carefully.

- Improper operation of this Liftgate can result in serious personal injury. If you do not have a copy of the operating instructions, please obtain them from your employer, distributor, or lessor before you attempt to operate Liftgate.
- If there are signs of improper maintenance, damage to vital parts, or slippery platform surface, do not use the Liftgate until these problems have been corrected.
- If you are using a pallet jack, be sure it can be maneuvered safely.
- Do not operate a forklift on the platform.
- Do not allow any part of your or your helper’s body to be placed under, within, or around any portion of the moving Liftgate, or its mechanisms, or in a position that would trap them between the platform and the ground or truck when the Liftgate is operated.
- If a helper is riding the platform with you, make sure you are both doing so safely and that you are not in danger of coming in contact with any moving or potentially moving obstacles.
- **USE GOOD COMMON SENSE.**

---

**ATTENTION DECALS**

WITH SMART STOW

**OPERATING INSTRUCTIONS**

1. **Power On**
2. **Slide Out To Unstow**
3. **Manually unfold using strap.**
4. **Raise**
5. **Lower**
6. **Manually fold using strap.**
7. **Slide In To Stow**
8. **Power Off**

---

**CAUTION**

Always stand clear of platform area.

---

**THE MAXIMUM CAPACITY OF THIS LIFT IS**

**3300 POUNDS**

WHEN THE LOAD IS CENTERED ON THE LOAD CARRYING PLATFORM

**GPSLR 33 ONLY**

---

**THE MAXIMUM CAPACITY OF THIS LIFT IS**

**4400 POUNDS**

WHEN THE LOAD IS CENTERED ON THE LOAD CARRYING PLATFORM

**GPSLR 44 ONLY**

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**DECAL SHEET**

**FIG. 34-1**
ATTACH DECALS (WITHOUT CONTROLLER)

OPERATING INSTRUCTIONS

1. Power On
2. Slide All The Way To Unstow
3. Manually Unfold Using Strap
4. Lower
5. Raise Platform Against Buffer
6. Slide In All The Way
7. Manually Fold Using Strap
8. Raise
9. Lower
10. 2 Hand Switch
11. Power off

OPERATION DECAL
P/N 282681-01

DECAL "A" P/N 282683-01
DECAL "B" P/N 282682-01
DECAL "C"
DECAL "G"
DECAL "F"

SERIAL PLATE (REF)

P/N 282464-01 (GPSLR-33) & P/N 282464-02 (GPSLR-44)

FIG. 35-1
ATTACH DECALS - Continued

SAFETY INSTRUCTIONS

Read all decals and operation manual before operating liftgate.

1. Do not use liftgate unless you have been properly instructed and have read, and are familiar with, the operating instructions.
2. Be certain vehicle is properly and securely braked before using the liftgate.
3. Always inspect this liftgate for maintenance or damage before using it. Do not use liftgate if it shows any sign of damage or improper maintenance.
4. Do not overload.
5. Make certain the area in which the platform will open and close is clear before opening or closing the platform.
6. Make certain platform area, including the area in which loads may fall from platform, is clear before and at all times during operation of liftgate.
7. This liftgate is intended for loading and unloading of cargo only. Do not use this liftgate for anything but its intended use.

WARNING

Read this information carefully.

- Improper operation of this liftgate can result in serious personal injury. If you do not have a copy of the operating instructions, please obtain them from your employer, distributor, or lessor before you attempt to operate Liftgate.
- If there are signs of improper maintenance, damage to vital parts, or slippery platform surface, do not use the Liftgate until these problems have been corrected.
- If you are using a pallet jack, be sure it can be maneuvered safely.
- Do not operate a forklift on the platform.
- Do not allow any part of yours or your helper’s body to be placed under, within, or around any portion of the moving Liftgate, or its mechanisms, or in a position that would trap them between the platform and the ground or truck when the Liftgate is operated.
- If a helper is riding the platform with you, make sure you are both doing so safely and that you are not in danger of coming in contact with any moving or potentially moving obstacles.
- USE GOOD COMMON SENSE.
- If load appears to be unsafe, do not lift or lower it.

For a free copy of other manuals that pertain to the model Liftgate, please visit our website at www.maxonlift.com or call Customer Service at (800) 227-4116.

WARNING

Liftgate hazards can result in crushing or falling. Keep hands and feet clear of pinch points. If riding liftgate, make sure load is stable and footing is solid.

CAUTION

Always stand clear of platform area.

THE MAXIMUM CAPACITY OF THIS LIFT IS

GPSLR 33 ONLY

3300 POUNDS

WHEN THE LOAD IS CENTERED ON THE LOAD CARRYING PLATFORM

GPSLR 44 ONLY

4400 POUNDS

WHEN THE LOAD IS CENTERED ON THE LOAD CARRYING PLATFORM

DECAL SHEET

FIG. 36-1
DECAL POSITIONS - Continued

WARNING

When unstowing & stowing platform, stay clear of bumpers.

WARNING

To avoid injury stay out of the path where the platform unfolds. Unfold platform from the side.

WARNING

Avoid possible injury & damage to equipment if slider moves under power. Ensure battery is disconnected from lift-gate before operating the slider manually.

MANUAL SLIDER OPERATION & ACCESS INSTRUCTIONS

OUT ONLY NO UP & DOWN.

IN ONLY NO DOWN.

WARNING

To prevent personal injury & equipment damage, avoid working under the platform while platform is raised off the ground. Refer to Maintenance Manual for additional safety instructions.

WARNING

Keep hands clear of pinch points when folding flipover.

WARNING

To avoid possible injury and damage to equipment, never stand on lift arms, parallel arms, or bottom side of platform.

WARNING

Keep hands & feet clear of lifting arms.

WARNING

To prevent personal injury & damaged equipment, ramp must be in retracted position when being raised or lowered on platform.
### SYSTEM DIAGRAMS
#### PUMP & MOTOR SOLENOID OPERATION

**TABLE 39-1**

<table>
<thead>
<tr>
<th>LIFTGATE FUNCTION</th>
<th>PORT</th>
<th>MOTOR VALVE “S1”</th>
<th>MOTOR VALVE “S2”</th>
<th>MOTOR VALVE “S3”</th>
<th>LOCK VALVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>RAISE</td>
<td>L</td>
<td>✓</td>
<td>-</td>
<td>-</td>
<td>✓</td>
</tr>
<tr>
<td>LOWER</td>
<td>L</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>✓</td>
</tr>
<tr>
<td>SLIDE OPEN</td>
<td>A</td>
<td>✓</td>
<td>-</td>
<td>✓</td>
<td>-</td>
</tr>
<tr>
<td>SLIDE CLOSED</td>
<td>B</td>
<td>✓</td>
<td>✓</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

REFER TO VALVES SHOWN ON HYDRAULIC SCHEMATIC

**TABLE 39-1**
FIG. 40-1

NOTE: PRV (PRESSURE RELIEF VALVE)
FIG. 41-1

SYSTEM DIAGRAMS - Continued
ELECTRICAL SCHEMATIC (SMART STOW)
FIG. 42-1

SYSTEM DIAGRAMS - Continued
ELECTRICAL SCHEMATIC (WITHOUT CONTROLLER)